

| REPORT OF CHANNEL CONDITIONS<br>(FOR CHANNELS 400 FEET WIDE OR GREATER)<br>(ER 1130-2-316) |                      |                    |                   |  |                                      | Page 1 of 1                         |                                      |                                       |
|--|----------------------|--------------------|-------------------|--|--------------------------------------|-------------------------------------|--------------------------------------|---------------------------------------|
|  |                      |                    |                   |  |                                      | November 2003                       |                                      |                                       |
| TO:<br>Commander, Naval Submarine Base, Kings Bay<br>ATTN: Code FE21, GA                   |                      |                    |                   | FROM:<br>USACE, District Engineer<br>Attn: CESAJ-CO-OM Jacksonville, Florida |                                      |                                     |                                      |                                       |
| RIVER/HARBOR NAME AND STATE<br>Kings Bay Entrance Channel, GA                              |                      |                    |                   | MINIMUM DEPTHS IN EACH 1/4 WIDTH OF<br>CHANNEL ENTERING FROM SEAWARD         |                                      |                                     |                                      |                                       |
| NAME OF CHANNEL  | Date<br>of<br>Survey | AUTHORIZED PROJECT |                   |  | Left<br>Outside<br>Quarter<br>(feet) | Left<br>Inside<br>Quarter<br>(feet) | Right<br>Inside<br>Quarter<br>(feet) | Right<br>Outside<br>Quarter<br>(feet) |
|  |                      | Width<br>(feet)    | Length<br>(miles) | Depth<br>(feet)  |                                      |                                     |                                      |                                       |

|   |          |       |     |    |          |          |          |          |
|---|----------|-------|-----|----|----------|----------|----------|----------|
| Straight Outer Reach: from green lighted Buoy-1 to green lighted Buoy-9                   | Oct-2003 | 500   | 3.2 | 46 | 48.4     | 49.2     | 49.5     | 39.9 (1) |
| Outer Ebb Tide Reach: from green lighted Buoy-9 to green lighted Buoy-13                  | Oct-2003 | 500   | 1.6 | 46 | 44.2 (2) | 45.8 (2) | 45.4 (2) | 41.5 (2) |
| Inner Ebb Tide Reach: from green lighted Buoy-13 to green lighted Buoy-17                 | Oct-2003 | 500   | 1.6 | 46 | 45.9     | 48.2     | 47.8     | 44.0 (3) |
| Jetty Reach: from green lighted Buoy-17 to green lighted Buoy-21                          | Oct-2003 | 500   | 1.6 | 46 | 46.1     | 47.2     | 46.3     | 38.6 (4) |
| Inner Jetty Reach: from green Lighted Buoy-21 to 1,200 feet west of yellow Lighted Buoy-E | Oct-2003 | 500   | 1.3 | 46 | 48.6     | 49.0     | 49.3     | 45.7     |
| North Turning Basin; from red Lighted Buoy-20 to yellow lighted Buoy-F                    | Oct-2003 | 350   | 1.1 | 42 | 45.7     | 45.2     | 45.1     | 45.1     |
| South Turning Basin; from green Lighted Buoy-21 to yellow Lighted Buoy-E                  | Oct-2003 | 350   | 1.1 | 42 | 41.2 (5) | 42.2     | 44.0     | 47.0     |
| Widener P.I. Cut-1N and Range-A; from yellow Lighted Buoy-F to red Lighted Buoy-28        | Jul-2003 | 0-450 | 0.6 | 42 | 52.0     | 49.0     | 51.1     | 50.1     |

Remarks:

1. Shoaling along the northern edge of channel approximately 1,700 feet east of red lighted Buoy-7.
2. Shoaling along both northern and southern edges of channel from 700 feet east of red lighted Buoy-10 to green lighted Buoy-13.
3. Shoaling along the northern edge of channel from 600 feet west of red lighted Buoy-12 extending to 1,200 feet east of red lighted Buoy-14.
4. Spot shoaling along the northern side of channel 500 feet west of red lighted Buoy-18 and extending for 300 feet. Least depth located 28 feet inside north edge of channel.
5. Spot shoal in southwest corner of turning basin, approximately 100 feet west of yellow lighted Buoy-E.